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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor :

Xuedong D. Huang

Appln. No. : 10/636,176

Filed : August 7, 2003

For : METHOD AND APPARATUS FOR  
MULTI-SENSORY SPEECH  
ENHANCEMENT

Group Art Unit: 2643

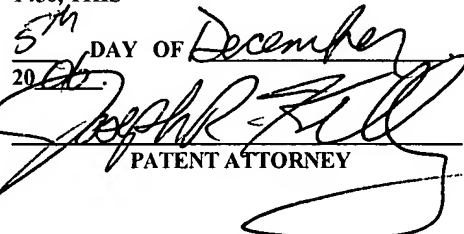
Examiner: ---

Docket No.: M61.12-0516

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS  
BEING SENT BY U.S. MAIL, FIRST CLASS,  
TO THE COMMISSIONER FOR PATENTS,  
P.O. BOX 1450, ALEXANDRIA, VA 22313-  
1450, THIS

5<sup>th</sup> DAY OF December  
2003  
  
PATENT ATTORNEY

Sir:

The patents or publications listed on the enclosed PTO Form-1449 are submitted pursuant to 37 C.F.R. § 1.97. Copies of the patents or publications cited are enclosed, except as waived by the Official Gazette notice of August 5, 2003 regarding copies of U.S. Patents and Published Applications.

**TIME OF FILING**

An information disclosure statement is being filed by the applicant within any one of the following time periods:

1. X 1. Within three month of the filing date of a  
national application other that a Continued  
Prosecution Application (CPA);
2. Within three months of the date of entry of the National Stage international  
application;
3. Before the mailing date of a first Office Action on the merits, or
4. Before the mailing of a first Office Action after the filing of a Request for

Continue Examination (RCE).

2. ☐ after the time period specified in paragraph 1 above, but before the mailing date of a final action under 37 C.F.R. § 1.113 or notice of allowance under 37 C.F.R. § 1.311.

Therefore, in accordance with 37 C.F.R. § 1.97(c), submitted herewith is:

(check either A or B below)

- A. ☐ a statement as specified in 37 C.F.R. § 1.97(e).  
B. ☐ the fee set forth in 37 C.F.R. § 1.17(p) for submission of an information disclosure statement under 37 C.F.R. § 1.97(c).

3. ☐ after the mailing date of either a final action under 37 C.F.R. § 1.113 or a notice of allowance under 37 C.F.R. § 1.311, whichever occurs first, but before payment of the issue fee. Therefore, Applicant petitions for consideration and submits herewith:

- A. ☐ a statement as specified in 37 C.F.R. § 1.97(e);  
B. ☐ the petition fee set forth in 37 C.F.R. § 1.17(p).

**STATEMENT**

(only used if No. 2(A) or No. 3 above is checked)

The person(s) signing below certify

(check appropriate paragraph)

- ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement. 37 C.F.R. § 1.97(e)(1).

OR

- ☐ that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months

prior to the filing of this statement. 37 C.F.R. § 1.97(e)(2).

**METHOD OF PAYMENT**

X  No fee is required.

   Attached is a check in the amount of \$    .

The Director is authorized to charge any fee deficiency required by this paper or credit any overpayment to Deposit Account No. 23-1123. A duplicate copy of this communication is enclosed.


Respectfully submitted,

WESTMAN, CHAMPLIN & KELLY, P.A.

By: 

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JRK:mek

FORM PTO-1449	Atty. Docket No.: M61.12-0516	Appl. No.: 10/636,176
 <p>LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT</p>	First Named Inventor:	
	Xuedong D. Huang	
	Filing Date	Group Art:
	August 7, 2003	2643

## U.S. PATENT DOCUMENTS

Examiner Initial	Document No.	Date	Name	Class	Sub Class	Filing Date If Appropriate
AA	2002/0118852	8/29/02	Boesen	381	328	
AB	7,120,477	10/10/06	Huang	455	575.7	
AC						
AD						
AE						
AF						

## FOREIGN PATENT DOCUMENTS

	Document No.	Date	Country	Class	Sub Class	Translation Yes No
AG	EP 742 678	11/13/96	EP			
AH	RD 418033	2/10/99				
AI	WO 2002/007477	1/24/02	WO			
AJ	WO 2002/021194	4/13/00	WO			

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AK	Copy of Australian Search Report and Written Opinion for Foreign Application No. SG 200500289-4 filed January 18, 2005.
AL	
AM	

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.